

CLAIMS

I Claim:

1. A hose-in-hose comprising a longitudinally extended inner hose assembly including a first hose casing, a second hose casing, and a releasable inner coupler for connecting said first and second hose casings; a longitudinally extended outer hose assembly enclosing said inner hose assembly, said outer hose assembly including a third hose casing, a fourth hose casing, and a releasable outer coupler for connecting said third and fourth hose casings; said outer coupler including opposing longitudinally shiftable sleeves associated with each said third and fourth hose casings, each of said sleeves threadedly shiftable relative to its respective associated hose casing between an extended position and a retracted position; said sleeves being connectable in their said extended positions; said sleeves being separated in their said retracted positions to expose said inner coupler.
2. The hose-in-hose of claim 1 wherein said outer coupler includes longitudinally shiftable collars relative to each said third and fourth hose casings, said collars being threadedly shiftable to a position abutting said sleeves for securing each said sleeve in its extended position.
3. The hose-in-hose of claim 1 wherein said sleeves are secured together in said extended position with a fastener.
4. The hose-in-hose of claim 3 wherein said outer coupler includes longitudinally shiftable collars about each said third and fourth hose casings, said collars being threadedly shiftable to a position abutting said sleeves for securing said connected sleeves in their said extended positions.
5. The hose-in-hose of claim 1 wherein said outer coupler includes a tubular shank

connected to each of said third and fourth hose casings, one of said sleeves threaded upon one of said shanks, the other of said sleeves threaded upon the other of said shanks.

6. The hose-in-hose of claim 5 and abutment parts carried by each of said shanks and said sleeves to prevent said sleeves from disengaging from said shanks as the sleeves are shifted into their said extended positions
7. A hose-in-hose comprising a longitudinally extended inner hose assembly including a first hose casing, a second hose casing, and a releasable inner coupler for connecting said first and second hose casings; a longitudinally extended outer hose assembly enclosing said inner hose assembly, said outer hose assembly including a third hose casing, a fourth hose casing, and a releasable outer coupler for connecting said third and fourth hose casings; said outer coupler including opposing longitudinally shiftable sleeves associated with each said third and fourth hose casings, each of said sleeves threadably shiftable relative to its respective associated hose casing between an extended position and a retracted position; said sleeves being connectable in their said extended positions; said sleeves being separated in their said retracted positions to expose said inner coupler; longitudinally shiftable collars relative to each said third and fourth hose casings, said collars being threadably shiftable to a position abutting said sleeves for securing each said sleeve in its extended position.
8. The hose-in-hose of claim 7 wherein said sleeves are secured together in said extended position with a fastener.
9. The hose-in-hose of claim 7 wherein said outer coupler includes a tubular shank connected to each of said third and fourth hose casings, one of said sleeves threaded upon one of said shanks, the other of said sleeves threaded upon the other of said shanks.

10. The hose-in-hose of claim 9 and abutment parts carried by each of said shanks and said sleeves to prevent said sleeves from disengaging from said shanks as the sleeves are shifted into their said extended positions.
11. A hose-in-hose comprising a longitudinally extended inner hose assembly including a first hose casing, a second hose casing, and a releasable inner coupler for connecting said first and second hose casings; a longitudinally extended outer hose assembly enclosing said inner hose assembly, said outer hose assembly including a third hose casing, a fourth hose casing, and a releasable outer coupler for connecting said third and fourth hose casings; said outer coupler including opposing longitudinally shiftable sleeves associated with each said third and fourth hose casings, each of said sleeves threadably shiftable relative to its respective associated hose casing between an extended position and a retracted position; said sleeves being connectable in their said extended positions; said sleeves being separated in their said retracted positions to expose said inner coupler; said outer coupler including a tubular shank connected to each of said third and fourth hose casings, one of said sleeves threaded upon one of said shanks, the other of said sleeves threaded upon the other of said shanks; abutment parts carried by each of said shanks and said sleeves to prevent said sleeves from disengaging from said shanks as the sleeves are shifted into their said extended positions; longitudinally shiftable collars relative to each said third and fourth hose casings, said collars being threadably shiftable along said shanks to a position abutting said sleeves for securing each said sleeve in its extended position.